

**CURRENT-CONTROLLED CMOS WIDEBAND DATA AMPLIFIER
CIRCUITS**

ABSTRACT OF THE DISCLOSURE

Expansion of the bandwidth of a wideband CMOS data amplifier is
5 accomplished using various combinations of shunt peaking, series peaking, and miller
capacitance cancellation. These various combinations are employed in any of the
amplifier input stage, in intermediate stages, or in the last stage.

SF 1241823 v2

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